

CURRENT TOPICS.

BOSTON carries a debt of \$43,000,000. ENGLISH convicts earn from \$10 to \$15 yearly.

THE era of Abraham began October 1, B. C. 2016.

THE Hebrew figures place the date of the flood at B. C. 2340.

THERE is in North Carolina a post-office named Troublesome.

DULUTH, by a census just finished, has a population of 52,646.

ICE will keep better with the blocks packed on edge than if laid flat.

THE Llando chronology extends to 6174 A. C.; Babylon, 6158 B. C.; China, 457 B. C.

THE Boothbay (Me.) sardine factory is equipped to can half a million small herrings daily.

THE Orthodox Jews date from the creation, which event they place in the year B. C. 3760.

A THAI gun for burglars fatally shot Grocer Benjamin E. Cross, of Suffolk, Va., who set it.

JOHN JONSON, a Swede, was killed at Altoona, Pa., by a telephone pole falling upon him.

THE colored people of New York and Brooklyn are about to erect a hospital for their own race.

MORE than half the entire cultivated area of Great Britain is now occupied by permanent pasture.

THE strength of the average horse is estimated to be equal to that of seven and a half average men.

A COW, the pet of a Belfast (Me.) family, has acquired the habit of attending church regularly.

JOHN DUNN, who has just died as a Zulu child, leaves seventy coffee-colored children behind him.

THERE are three species of dog that never bark—the Australian native dog, that of Egypt, and the Persian desert dog.

A FISHERMAN at Clinton, Mo., recently caught a thirteen-foot water moccasin snake on a hook baited with a frog.

CHICAGO last year paid \$6,334,333 for teachers' salaries in the public schools and \$1,074,985 for new buildings and sites.

NO one is wholly worthless. A man's skeleton, nicely articulated, will sell for \$40, while a woman's skeleton will bring \$50.

MAARTEN MAARENS shows wisdom in adopting a nom de plume. His real name is J. M. V. Vander Poorten-Schwartz.

BOSTON's new census brings the population close up to the half-million mark. The gain in ten years has been above 100,000.

THE largest tombstone in the world, a rough block of granite, marks the last resting place of Henry Scarlet of Upton county, Ga.

THAMPS arriving in Laramie are locked up in the city jail over night and hired out to ranchmen for hay-making in the morning.

FUNDS to move John Brown's fort from Chicago back to Harper's Ferry have been subscribed and the removal will take place soon.

GEORGE C. CANNON is an accomplished linguist. His latest achievement is the translation of the entire book of Mormon into Hawaiian.

QUICKSILVER poured in a glass will not fill it to the brim, as it forms a convex surface, and is higher in the center than at the brim.

A GAME protective law just passed in Missouri provides severe punishment for any one convicted of killing a doe deer in the next five years.

IT will cost New York \$5,000,000 this year to provide free education for the children, and \$3,500,000 of the amount will go for teachers' salaries.

THE success of the Tennessee Centennial exposition is assured. There has been no trouble in securing the funds necessary to carry on the work.

ONION SKIN was killed at Rittman, O., by the explosion of a cartridge which had become caught in his gun, and which he was endeavoring to force out.

UNDERGROUND London contains 3,000 miles of sewers, 34,000 miles of telegraph wires, 4,500 miles of water mains, 3,700 miles of gas pipes, all definitely fixed.

MRS. O. W. CHAMBERLAIN, of Decatur, Mich., has a clock 120 years old, which ticks away as truthfully and tunelessly as it did in revolutionary times.

GERMAN veterans decorated the graves of their fallen comrades in France with the German flag, but the colors were promptly removed by the French authorities.

DR. CONAN DOYLE is an extremely systematic man and pastes over his mantel piece a table of the principal things he intends to accomplish each half year.

COMPETENT authorities assert that the American-made silk hat is superior both in material and finish to any other hat of the kind in any part of the world.

THE Alabama lumber companies and turpentine distillers who cut government timber are to be sued for the value of the trees, which is estimated at nearly \$500,000.

CARSTON, Wis., has a cave about ten by fifteen and five feet high, in which snow and ice remain all the year round. The walls and floor are still covered with ice.

MRS. HELEN M. BARKER, one of the officers of the national W. C. T. U., enjoyed the privilege of having her baggage searched for liquors and cigars while in London.

A NEW woman at Tulare, Cal., is running the engine for a lumber mill. She is manager of the whole mechanical outfit, and repairs the machine when necessary, as well as running it.

A CERTAIN Hanover (Mich.) man felt so jubilant over recently experiencing religion that he published a card in the county papers telling what a nasty, drunken brute he used to be and what a nice fellow he is at present.

MARSHAL OAKLEY, of Madison, Wis., allowed a prisoner to escape at Eau Claire. Mr. Oakley left the prisoner on the depot platform while he went to purchase a ticket. When he returned the man had disappeared.

A MUHAMMADAN widow of Bombay started on a pilgrimage to Mecca recently, taking her jewelry with her. After landing at Jeddah she was forced to marry a Turkish soldier whom she had never seen before and who disappeared in a couple of days with all her property.

CHARLES M. FOULKE, of Washington, has the finest collection of tapestry in the United States, if not in the world. He has spent a fortune in purchasing fine samples of tapestries of all eras, and in his collection are some tapestries presented by Louis XIV. to the Barberini family.

THREE.

Joe! Two! Three! Now where can the baby be? Only the briefest while ago We went into ecstasies over his 'erow.' Then he was creeping about the floor, And into our hearts he went all four; If then we had lost him, what had we done in the wonderful year of One!

Joe! Two! Three! What a kidnaper Time can be! He's stolen my little child away From my arms, and he's gone today. Take all that I have of after and gold And give me again my little Two-Year-Old— Such reward I had offered to you, and to you, In the beautiful year of Two!

Joe! Two! Three! This God's sweet mystery! Time's not a thief, but a bringer of joy, And has doubled my blessings in this dear boy. Oh, give me to love him and do not refuse, Kind Fortune, what's needed for stockings And shoes!

To love him in wisdom, that he may love me Long years that may follow your Three! —William S. Lord, in Chicago Record.

THE PRICE OF PEACE.

BY MRS. HENRY L. PRATT.

In all my travels, from Maine to Rhode Island, I've never come across a couple more unlike than what Mr. and Mrs. Nims were.

Mr. Nims was one of those shut-out-to-himself men, and he'd glum round for days over some little matter that a word would 'a' set right if he'd only been plain-hearted.

Mrs. Nims was all the other way—talk it out and done with it; a little hasty and imprudent, maybe, but she is well-meaning. Mrs. Nims is, and as good a woman to neighbor with as I want to see.

I've thought whether or not being of different persuasions didn't work to keep 'em apart. See, she was brought up an orthodox, and she favored the Methodists. She joined with him and laid out to do her part amongst 'em, but she never was to home with the Methodists.

Then, another thing, she hated a dog, and Mr. Nims must always have a great clumsy bull, good for nothing but to bark and eat and lie around under foot, while Mrs. Nims, she mar't have even a kitten, though she set everything by a cat. And so it went.

One day I stepped in to borrow Mrs. Nims' cutting-board, and just as I got to the door I heard her say: "You ain't going to turn Charley in amongst my flowers, be ye?"

He didn't condescend any reply—not as I could hear.

"Now, Mr. Nims," says she, "he's stepped on my pansy-bed and broke off a dahlia already. Ain't there any other place on this whole farm where you can put him? I don't want him here," says she.

Mr. Nims' countenance didn't change more than a wooden Indian.

"I do," says he, "There's a good baited of grass to be fed down, and I calculate to leave Charley here for a spell," says he. And he budged off as stiff as though he'd swallowed a ramrod.

Mrs. Nims didn't say a word more, but she gave that old dog a push that sent him out of doors with a yelp; and I didn't blame her a mite, neither.

I brought the cutting-board back as they was a-settin' down to dinner, and Mrs. Nims asked me to draw up to the table. She had an excellent dinner—Mrs. Nims is an elegant cook—but not one identical word did she speak, only to ask if I'd have another potato.

She seemed chipper enough, but I see a shadow pass over her countenance when the old horse sneezed right under the window where her piney bed was, and the dog, that had got back under the table by that time, yipped out as though somebody had accidentally trod on his tail.

Mr. Nims was a great hand for raising colts, but she was a terrible scary creature; and I expect riding after half-broken colts has given her a fit of the newralgic many's the time.

He was dreadful set in his way—same as a general run of men air—and it was like fighting the east wind to try to move him out of it. Them two used to remind me of a pair of papaw-jaw scissors that you can't cut with. Some might have put the left of the blade on to her, and I s'pose she did nag him some, and flash out when she'd better have kep' still.

I run in one day to borrow a sleeve pattern, when I heard Mr. Nims speaking out kind of gruff, and I halted, for I didn't wish to intrude. (I never wear squeaky shoes myself.) I didn't find out what went before, but the first I heard was this:

"I can't please you," says he. (It beat me if he'd ever tried.) "You don't like my hired men, you ain't satisfied with my breed of cows, the color of the corn, you're always thought of me, and you can be free to go to him, so you'll be well fixed."

"Why, Mr. Nims!" I heard her kind o' gasp out, and I surmised by the sound that she let fall a teacup. I looked to hear her burst out in her quick way, and I'll warrant ye he supposed she'd flare up, and that would be the end on't. But she seemed dumfounded. By 'n' by she said, quite quiet:

"I'm sure Asa would be pleased to have me there. He misses Sarah Jane, and so do the children. There has to be somebody at the head to make things so. But what would you do, Elisha?"

I had to smile, for she scarcely ever called him Elisha.

"I can look out for myself," says he, and stalked off to the barn.

I went right in, and said I guessed I could tell what was in his mind. He was calculating to make a home for his mother, and get along they two together. Old lady Nims never was any too particular, and now she had the shaking palsy. So I could see Mrs. Nims set right to thinking how things would go to wrack and ruin under no management. She is an awful nice housekeeper herself, and set a great store by her things. She made an ar-rant up chamber pretty soon, and was gone quite a spell. When she came down her eyes were some red, but she stuffed it out and went on as matter-of-fact as the cows coming home.

"I've got to flax around," says she, "and get Elisha's new shirt done; and there's the pickle-vinegar needs scalding, and the brine, too. And I was laying out to put up a few more quinces. Elisha is very partial to quince sauce."

The next day I went over to offer my help, and she seemed glad to have me. I guess she felt she must let out a little to somebody, and she knows I'm no hand to run and tell. She told me they were going to Squire

FARM AND GARDEN.

GOOD FOR EVERYBODY.

The Employment of Convict Labor in the Building of Roads.

Two subjects have been occupying public attention quite largely recently. They may be considered by some as closely related. At all events North Carolina and several other states have managed to unite them in a way that has led to the solution of the problems involved in both. One of these questions is that of good country roads. It has been occupying public attention from Maine to California, and with one voice the people have declared in favor of securing such roads at almost any cost.

The reign of the bicycle is here, and that of the horseless carriage is believed to be coming, but good roads are an absolute necessity to the maintenance of both.

The other question referred to is that of convict labor. State legislatures, in the great majority of cases, yielding to the public clamor, have declared in no equivocal way that the product of the penitentiaries must not be placed in the market to compete with free labor, nor can it be used as an instrument wherewith to beat down the wages of the industrious and law-abiding workman.

How to observe these laws and yet prevent the penal institutions of the country from becoming a drain on the resources of the taxpayers is something the authorities everywhere have been trying to find out. Some states have hit upon the plan of making the convicts provide what is universally wanted in the way of good roads, thus keeping them profitably employed without taking the bread out of the mouths of any who are dependent upon their day's labor for their sustenance.

A bulletin has been issued by the department of agriculture telling of recent experiments made in the employment of convict labor in road building in the states indicated: North Carolina, New York, Delaware and California have all tried the plan and all report it to be a success. In North Carolina the cost of maintaining the convicts while thus employed has been 34 cents for each convict per diem, while their labor has been worth from 30 to 75 cents a day. The general health of the convicts has improved since they were first employed on the roads. The warden of the state prison at Auburn, N. Y., heartily indorses the plan and estimates the cost of road making with convict labor at \$800 a mile. In California the execution of the plan has been found to be good for the convicts, good for the roads and good for anybody who has occasion to use them.—Chicago Evening Post.

TREES ALONG ROADS.

Highway Adornment Is Sure to Follow Highway Improvement.

New interest seems to be centering about the good-roads movement. Probably this is due in some measure to the fact that bicycles are coming more and more into use. It is only a question of time until every public thoroughfare of any importance will be constructed, first, with a view to making it passable for bicycles and rubber-tired carriages, which are being introduced in every part of the country. Already, in some cities, more capital is invested in bicycles than in carriages or wagons, and the young men and women of the country are taking unto themselves wheels.

Another thing which will have considerable influence on the roads of the country is the branching out of the electric lines. These electric railways, which in a few years will connect the important towns of the country, will carry a great deal of the farmers' produce into the towns, so that there will not then be the same occasion for heavy traffic that there is now.

Anyone who has traveled abroad knows the pleasure which comes from the wheelmans as he travels over the compact and evenly constructed roads of England and the continent. While they are immeasurably behind us in everything which pertains to agriculture, they do have splendid roads.

You know the German people as a nation are very thrifty. They don't allow much waste in any quarter. Along their public highways are planted different varieties of fruit trees—pears, apples, plums, etc.—grown in one or two rows on each side of the road. How beautiful those roads are! The trees produce shade, which takes away that glitter and glare which we call softens the heat, which makes our gravel roads very disagreeable to travel on during the hot months.

In many quarters of our country maple or walnuts have been planted for miles along the public roads, and how welcome such a stretch of road is to the traveler, and how inviting it must be to the hot and weary horse. If it were only for the shade, trees should be planted along every main highway. But wherever we can combine utility with beauty and comfort we should do it; so why not plant the more thrifty fruit trees along our public roads?—Farm and Fireside.

Limestone as Top Dressing.

Limestone was formerly regarded as one of the best rocks for top dressing and it has been exclusively used for such purposes; it is, however, proved very unsatisfactory in the long run, and in many parts of the country limestone macadamized roads are being taken up and reconstructed of more satisfactory materials. The rock wears easily into an impalpable powder when dry and forms a sticky paste when wet. Hard limestone makes an excellent roadbed but should never be used for surface dressing. There is a temptation to use limestone for such purposes because they are easily broken and packed readily on account of their friability, but they wear out with equal readiness and soon require repaving.—John C. Branner, State Geologist, Arkansas.

Wouldn't You?

If I were a mule And some blame fool Would dare to lash me through A "dead weight" road, I'd tell you what I'd do: I wouldn't crow, But I'd just lie low And keep most mighty "mum" Till I got a chance When I'd kick his pants Clear into the kingdom come. —L. A. W. Bulletin.

The second war with Great Britain began June 18, 1812, and ended on February 17, 1815. It involved the enlistment of 47,023 volunteers and the service of 85,000 regulars, a total of 132,023.

Old age seizes upon an ill-spent youth like fire upon a rotten house. It was rotten before and must have fallen of itself, so that it is only one ruin anticipating another.—South.

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GRANBERY CULTURE.

Highly Depend Upon the Setting Out of the Rather Delicate Vines.

As in planting or setting out various other kinds of vines and plants, there seems to be no particular time when it is absolutely necessary to have the vines set out. The cranberry vine is very hardy, and will live, even with a good deal of hard usage. When a marsh has been prepared in one summer the owners frequently wait till the next spring before putting out the cranberry vines. From April till June is supposed to be the best time. Fall planting is practiced by some, but it is doubtful if there be much gain in this over waiting for the next spring. When only a part of the ground is to be planted, that part should be planted that is the highest, leaving the wetter portions for the work of spring.

There are various modes for transplanting the vines. One of these is called sod planting. The sods containing cranberry vines are taken from cranberry meadows and placed in the new marsh. This was one of the earliest plans, and doubtless originated from a desire not to disturb the roots of the plants. Very few planters now practice this method.

Hill planting is also practiced. One great advantage of hill planting over sod planting is that only clean vines are set out, where with the sod roots from other plants were necessarily propagated. The ground may be marked out by drills, two feet apart each way, and the vines put in where the drills intersect. One objection to this mode is that large bunches of vines have a tendency to dry up and become woody, thus seriously injuring the plantation. This difficulty induced some cultivators to adopt the expedient of planting in funnel-shaped holes, made by rotating a sharp stick or dibble; the vines are placed in these holes, and scattered around, so that when the center is filled with sand, they will be spread out, pointing in all directions. This method is illustrated by the accompanying cut. Dead bunches are thus avoided. Even this plan is less satisfactory than others, on account of the increased labor and consequent expense.

Another method is called drill planting. A furrow is turned by the plow, and the vines are scattered thinly along, only one in a place, being leaned up against the perpendicular and partly covered by the hoe. Still another

mode is to scatter the vines over the meadow and cover them with an inch of sand. This gives a quick growth, but requires many vines and also a good deal of sand.

Some people sow what they call cuttings. They run the vines through a hay cutter, cutting them into lengths about one inch long. These they sow broadcast and harrow in.

Until the vines are matted keep the land well drained, as the plants do not thrive on wet land. When properly drained a good meadow will become matted in three years, though some plantations take longer than that on account of the land being too wet. For two or three years after putting out the vines the land should be kept free from weeds, and the cranberry plants given undisputed possession. During the first year a hoe may be used, but after that the grass must be pulled by hand to avoid loosening the runners that are rooted in the soil. This should be done in August, before the weeds go to seed.

Though drainage is required to obtain a growth of vines, after the mat is completed there are certain times when considerable moisture is necessary to insure a good crop. Sometimes droughts bring a great many of the blossoms, which are prevented if enough moisture can be supplied to the crop to insure full development. Again, where the soil can be made moist, the late-formed berries will grow up to full size. But where irrigation is resorted to, care must be taken to lower the water in the ditches by the middle of August, that the vines may be enabled to make a good fall growth. If this be not done the crop of the coming year may be seriously damaged. The fruit buds are formed in the fall, and are viable at the ends of the new growth on the upright branches. All plantations require flooding every winter.—Farmers' Review.

Swine and the Dairy Cow.

According to a Paris correspondent, the trend of opinion in the French county councils is to the effect that there is danger of the creamery being verminous, and that in the organization of regional creameries there should be an annex for curing bacon and hams. Speaking of this, the homestead says the two industries fit together admirably, the bi-product of one being a splendid raw material for the production of the other, especially in the earlier stages of its production. Swine and the dairy cow go together well, and we look forward to the time when creameries will run the two in connection—with sufficient distance between the two plants, we hope, so that the odors of one and the aroma of the other may not mingle—just as distilleries now find it profitable to feed cattle.

Seeds of the Mushroom.

The spores (seeds), composed of a two-coated cell, are borne on the gills or tubes under the cap. One plant often produces ten million spores. To see these tiny spores you must out the top of a toadstool off and lay it right side up on a sheet of black paper. After a few hours, remove it carefully, and a exact representation of its shape will remain on the paper, formed by the thousands of spores which have fallen out. If the spores fall on favorable soil, they germinate and send out great numbers of tiny threads. These, becoming intertwined and woven together, cover the ground like the finest web, and this is known as the mycelium, or "spawm." The threads absorb nourishment and carry it to the quickened spore.—Margaret W. Leighton, in St. Nicholas.

PLANTING IN HILLS.

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